Philips
LCD monitor, LED backlight with Digital TV tuner

Motivo

23" / 58.4cm Full HD display

231TE4LB1

Great TV entertainment on your Full HD LED monitor

with DTV tuner

Experience great multimedia performance on the Philips Motivo Full HD display. Combined with digital TV tuner, HDMI input and powerful sound, it's a great choice.

Best picture quality
- Full HD LCD display, with a 1920x1080p resolution
- LED technology for natural colors
- SmartContrast 20000000:1 for incredible rich black details
- SmartPicture for optimized display experience
- SmartSound selects a perfect mode for audio performance

Easy to connect and enjoy
- Built-in digital TV tuner for viewing TV on your PC monitor
- VGA input for PC connectivity
- HDMI-ready for Full HD entertainment
- USB for fantastic MP3 audio and JPEG photo playback

Experience true multimedia
- Incredible Surround for enhanced audio enjoyment
- Digital audio and video reception via digital tuner

PHILIPS
sense and simplicity

LCD monitor, LED backlight with Digital TV tuner
Motivo 23" / 58.4cm Full HD display

231TE4LB1/00

Highlights

LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of LCD backlight, resulting in super high contrast ratio. It also gives superior color reproduction thanks to consistent brightness across the screen.

Digital TV tuner

A digital television tuner built into a monitor to receive and display high quality TV signals from various sources.

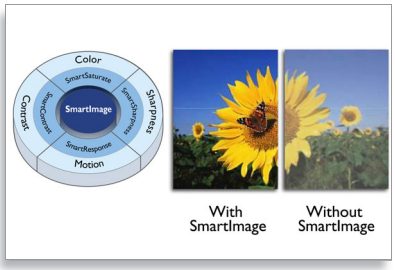
Full HD LCD display 1920x1080p

The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future proof as it supports 1080p signals from all sources, including the most recent like Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colors.

SmartContrast ratio 20000000:1

You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

SmartPicture



SmartPicture is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized display performance. This user friendly interface allows you to select various modes like Office, Image, Entertainment, Economy etc., to fit the application in use. Based on the selection, SmartPicture dynamically optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

Incredible Surround

Incredible Surround is an audio technology from Philips that dramatically magnifies the sound field to immerse you in the audio. Using state-of-the-art electronic phase shifting, Incredible Surround mixes sounds from left and right in such a way that it expands the virtual distance between the two speakers. This wider spread greatly enhances the stereo effect and creates a more natural sound dimension. Incredible Surround allows you to experience total surround with greater depth and width of sound, without the use of additional speakers.

SmartSound

SmartSound allows you to select various modes like Movie, Games, Music etc thereby automatically activating pre defined frequencies to enhance the sound related to the function

HDMI Ready

A HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input, high quality digital video and audio signals all transmitted over a single cable from a PC or any number of AV sources including set-top boxes, DVD players and A/V receivers and video cameras.

Digital audio and video

Digital audio and video reception via digital tuner

LCD monitor, LED backlight with Digital TV tuner
Motivo 23" / 58.4cm Full HD display

231TE4LB1/00

Specifications

Picture/Display
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Diagonal screen size: 23 inch / 58.4 cm
- Aspect ratio: 16:9, Widescreen
- Panel resolution: 1920 x 1080
- Response time (typical): 5 ms
- Brightness: 250 cd/m²
- SmartContrast: 20000000:1
- Viewing angle: 170° (H) / 160° (V), @ C/R > 10
- Contrast ratio (typical): 1000:1
- Picture enhancement: Progressive scan
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
Optimum 1920 x 1080	60 Hz

- Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576i	50Hz
576p	50Hz
720p	50, 60Hz
1080i	50, 60Hz
1080p	24, 50, 60Hz

Sound
- Output power (RMS): 3W x 2
- Sound Enhancement: Incredible Surround, Smart Sound
- Sound System: Mono, Stereo, Nicam Stereo

Convenience
- Ease of Installation: Plug & Play, Automatic Tuning System (ATS)
- Ease of Use: On Screen Display, Program List, Side Control
- Remote control type: Philips RC6 Remote control
- On-Screen Display languages: Bulgarian, Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Greek, Hungarian, Italian, Kazakh, Latvian, Lithuanian, Norwegian, Portuguese, Polish, Romanian, Russian, Serbian, Slovak, Slovenian, Spanish, Swedish, Turkish, Ukraine
- Other convenience: VESA mount (100x100mm)
- Screen Format Adjustments: Auto (WSS), Movie expand 14:9, Movie expand 16:9, Widescreen, Super Zoom, Subtitle Zoom, 4:3
- SmartPicture: Cinema, Custom, Energy saving, Game, Natural, Photo, Standard, Vivid
- SmartSound: Cinema, Drama, Game, News, Personal, Sports, Standard
- Teletext: 1000 page Smart Text

Stand
- Tilt: 0/+15 degree

Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, SECAM L/L'
- Video Playback: NTSC, PAL, SECAM
- Tuner Display: PLL
- CI/CI+: yes (Burn CI+ key in set)
- Digital TV: DVB-C, DVB-T
- MHEG-5 v1.06
- MPEG-2, MPEG-4 support
- Tuner bands: Hyperband, S-Channel, UHF, VHF

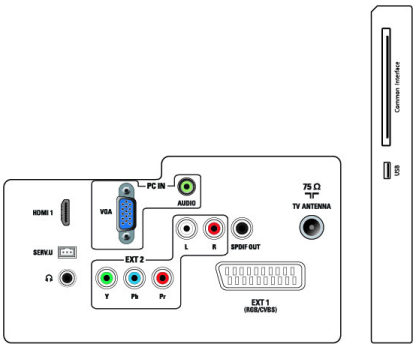
Connectivity
- Ext @ side: CI+, USB x 1 (JPG/MP3)
- Ext @ rear: D-sub x 1, HDMI (1.4a) x 1, Headphone x 1, PC audio in x 1, Scart x 1, SPDIF out x 1 (RCA), Tuner x 1, YPbPr x 1 + L/R input x 1

Power
- On mode: 25.6W (typ.) / 34W (max)
- Off mode: 0.3W (typ.)
- Standby mode: 0.3W (typ.)
- Ambient temperature: 5 °C to 40 °C
- Mains power: 100-240V, 50-60Hz

Dimensions
- Packaging in mm (WxHxD): 612 x 468 x 117 mm
- Product with stand (mm): 573 x 410 x 174 mm
- Product without stand (mm): 573 x 370 x 39 mm

Weight
- Product with packaging (kg): 4.83 kg
- Product with stand (kg): 3.56 kg
- Product without stand (kg): 3.32 kg

Accessories
- Included accessories: Power cord, Remote Control (with battery), Quick start guide, User Manual, VGA cable



Issue date 2012-08-14
Version: 1.0.1
12 NC: 8670 000 94406
EAN: 87 12581 65798 7

© 2012 Koninklijke Philips Electronics N.V.
All Rights reserved.
Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

www.philips.com